|  | Index of Claims   |            |                |          |               |           |           |           |          |          |            |          |          | Application No. |              |              |              |              |                 |              |               |          | Applicant(s) |                   |          |         |                        |           |                |             |  |
|--|---|------------|----------------|----------|---------------|-----------|-----------|-----------|----------|----------|------------|----------|----------|-----------------|--------------|--------------|--------------|--------------|-----------------|--------------|---------------|----------|--------------|-------------------|----------|---------|------------------------|-----------|----------------|-------------|--|
|  |   |            |                |          |               |           |           |           |          |          |            |          |          | 09/557,637      |              |              |              |              |                 |              |               |          |              | TAMBURRINI ET AL. |          |         |                        |           |                |             |  |
|  |   |            |                |          |               |           |           |           |          |          |            |          |          |                 | Examiner     |              |              |              |                 |              |               |          |              |                   | Art Unit |         |                        |           |                | <del></del> |  |
|  |   |            |                |          |               |           |           |           |          |          |            |          |          | •               |              |              |              |              |                 |              |               |          |              |                   |          |         |                        |           |                |             |  |
|  | - 100 to |            |                |          |               |           |           |           |          |          |            |          |          |                 | ANH H DO     |              |              |              |                 |              |               |          |              | 2624              |          |         |                        |           |                |             |  |
|  | / Paineted (Through numeral)  |            |                |          |               |           |           |           |          |          |            |          |          |                 |              | 7            |              |              |                 |              |               | 1        | _            | _                 |          |         |                        | _         |                |             |  |
|  | √ Rejected — (Through   |            |                |          |               |           |           |           |          |          |            |          | ıgh n    | ume             | era          | )            |              | N            | N               | on-l         | Elect         |          | A            |                   | Арі      | pea     | ı                      |           |                |             |  |
|  |   |            |                |          | Cancelled     |           |           |           | ——  F    |          |            |          |          |                 |              |              |              |              |                 |              |               | -{       |              |                   |          |         |                        |           |                |             |  |
|  |   |            | =              | Allowe   |               |           | d         | 1         |          | ÷        | Restricted |          |          |                 |              |              | ln           | terf         | erer            | ıce          |               | o        | C            | Obje              | cte      | d       |                        |           |                |             |  |
|  |   |            | Ш              |          |               |           |           | J         |          | Ш        |            |          |          |                 |              |              | ╛            | L            |                 |              |               |          |              |                   |          |         |                        |           |                |             |  |
|  | Cla   | aim        |                |          |               | C         | ate       | •         |          |          | Claim      |          |          |                 |              | Dat          | e            | e            |                 |              | Claim         |          |              | Date              |          |         |                        |           |                |             |  |
|  |   | a          | 2/             |          |               |           |           |           |          | $\top$   |            |          | a        | П               | T            |              |              |              |                 | $\Box$       |               |          | al           |                   |          |         |                        |           |                | П           |  |
|  | Final   | Original   | 123            | -/       |               |           |           |           |          |          |            | Final    | Original |                 |              |              |              |              |                 |              |               | Final    | Original     |                   |          |         |                        |           |                |             |  |
|  |   |            | 65             |          |               |           |           |           |          |          |            |          | 1        |                 |              |              |              |              |                 |              |               |          |              |                   |          |         |                        |           |                |             |  |
|  |   | (1)        | -11            | ۲.       | Ш             | $\Box$    | $\Box$    | $\Box$    | $\dashv$ | _        | 4          |          | 51       | $\Box$          | $\downarrow$ | $\bot$       | $\perp$      | $oxed{\bot}$ | $\Box$          |              | 7             |          | 101          |                   |          | 4_      |                        | _         | $\perp$        | П           |  |
|  | -   | 3          | ₩              |          | Н             | $\dashv$  | $\vdash$  |           | $\dashv$ | +        | $\dashv$   | }—       | 52<br>53 | +               | +            | +-           | ╁            | ╁╌           | $\dashv$        | +            | $\exists$     |          | 102<br>103   | Н                 | +        | +       | $\vdash$               | $\dashv$  | +              | H           |  |
|  |   | 4          |                |          |               |           |           |           |          |          | ╛          |          | 54       |                 |              |              |              |              |                 | 工            | ゴー            |          | 104          |                   | 土        |         | 口                      | 1         |                | 口           |  |
|  | -   | <u>5</u>   | ₽              |          | Н             |           | $\dashv$  |           | -        |          | 4          |          | 55<br>56 |                 | +            | +            | +            | $\vdash$     | - 1             | -            | 4             | -        | 105<br>106   | $\vdash$          | +        | - -     | $\vdash$               | +         | -              | H           |  |
|  | -   | 7          | ╫              | H        |               | $\dashv$  | $\vdash$  | $\dashv$  | ᅥ        |          | 1          |          | 57       | $\dashv$        | +            | +            | +            | $\vdash$     | $\dashv$        | $\dashv$     | -             |          | 107          | Н                 | +        | +-      | H                      | $\dashv$  | +              | H           |  |
|  |   | 8          | I              |          |               |           |           |           | $\Box$   | 1        | 7          |          | 58       | $\Box$          | 1            | $\perp$      | Ţ            |              |                 | 1            | ]             |          | 108          | П                 | $\perp$  | $\perp$ |                        |           |                | П           |  |
|  |   | 10         | 11             | -        | Н             |           |           |           | _        |          | -          | -        | 59<br>60 |                 | +            | +            | +            | $\vdash$     | -               | +            | $\dashv$      |          | 109<br>110   | $\vdash$          | -        | ╁       | $\vdash$               | $\dashv$  | -              | H           |  |
|  |   | ð          | #              |          |               |           |           |           |          |          | _          |          | 61       | $\Box$          | †            | $\dagger$    | $^{\dagger}$ |              |                 |              | 3             |          | 111          |                   | _        |         | 団                      | ⇉         |                |             |  |
|  |   | 12_        |                |          |               |           |           |           | _        | $\Box$   | 7          |          | 62       |                 | 1            | $\bot$       | F            | _            | $\Box$          | $\perp$      | 4             |          | 112          |                   | $\perp$  | $\perp$ | Ш                      | $\perp$   | $\perp$        | Ц           |  |
|  | -   | (13)<br>14 | Ή              | Н        | Н             | $\dashv$  |           | -         | $\dashv$ | +        | ┨          | -        | 63<br>64 | $\vdash$        | +            | ╁            | +            | $\vdash$     | $\vdash$        | +            | +             |          | 113<br>114   | Н                 | +        | +       | Н                      | +         | +              | Н           |  |
|  |   | 15         | $\parallel$    |          |               |           |           |           |          |          |            |          | 65       |                 |              |              | $\perp$      |              |                 | $\perp$      |               |          | 115          |                   |          |         | 口                      | $\Box$    |                |             |  |
|  |   | 16<br>17   | oppu           |          |               | Н         |           | $\dashv$  | 4        | $\perp$  | 4          |          | 66<br>67 | $\sqcup$        | 4            | -            | +            | ┼            |                 | +            | 4             |          | 116<br>117   | $\vdash$          |          | +       | $\left  \cdot \right $ | _         | +              | $\square$   |  |
|  |   | 18         | H              | Н        |               | H         |           | +         | $\dashv$ | $\dashv$ | $\dashv$   |          | 68       | $\vdash$        | +            | ╁            | +            | +            | $\vdash$        | +            | $\dashv$      |          | 118          | Н                 | +        | +       | $\vdash$               | +         | +              | Н           |  |
|  |   | 19         |                |          |               |           |           |           |          |          | ]          |          | 69       |                 | I            | Ţ            | I            |              |                 | #            |               |          | 119          |                   | ┰        |         |                        | #         |                |             |  |
|  |   | 20<br>21   | H              | -        | Н             |           | $\Box$    | $\dashv$  | $\dashv$ | +        | -          |          | 70<br>71 | +               | +            | +            | +            | $\vdash$     | $\vdash$        | +            | $\dashv$      |          | 120<br>121   | $\vdash$          | +        | +       | $\vdash \vdash$        | $\dashv$  | +              | Н           |  |
|  |   | 22         | $\parallel$    |          |               |           | $\exists$ |           | $\dashv$ | $\top$   | ┨ .        |          | 72       | $\dashv$        | $\dagger$    | $\dagger$    | $\dagger$    | $\dagger$    | $\vdash$        |              | 1             |          | 122          | $\Box$            | _        | Ť       | $\Box$                 | _         |                | H           |  |
|  |   | 23         | $\blacksquare$ |          |               |           | Ц         | $\Box$    | _        |          | 7          |          | 73       |                 | 4            | Τ.           | $\bot$       |              | $\Box$          |              | 4             |          | 123          |                   |          |         | П                      |           |                |             |  |
|  |   | 24<br>25   | ╫              | Н        | Н             | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ | -        | -          |          | 74<br>75 | $\dashv$        | +            | +            | +            | $\vdash$     | $\vdash$        | +            | +             |          | 124<br>125   | Н                 | +        | +       | Н                      | +         | +              | Н           |  |
|  |   | 26         | Ш              |          |               |           |           |           |          |          |            |          | 76       |                 |              |              |              |              |                 |              | ]             |          | 126          |                   |          |         | Ш                      | ユ         |                |             |  |
|  |   | 27<br>28   | #              | Н        |               | $\dashv$  | Н         |           | _        | +        | 4          | <u> </u> | 77<br>78 | $\dashv$        | +            | +            | +            | -            | $\dashv$        | +            | 4             | _        | 127<br>128   | Н                 | +        | +       | Н                      | +         | +              | Н           |  |
|  |   | 29         |                | Н        |               | $\dashv$  | $\dashv$  |           | $\dashv$ | $\dashv$ | 1          |          | 79       | $\dashv$        | +            | +            | +            | -            | $\dashv$        | +            | $\dashv$      |          | 129          | H                 | +        | +       | $\vdash$               | $\dashv$  | -              | Н           |  |
|  |   | 30         |                |          |               |           |           |           |          |          |            |          | 80       |                 | 1            | 1            | I            |              |                 | $\perp$      |               |          | 130          |                   | $\perp$  | 1       | П                      | $\Box$    |                |             |  |
|  |   | 31         | Н.             | Н        | Н             | $\dashv$  |           |           | -        |          | -          | -        | 81<br>82 | -+              | +            | +            | +            | ╁            | $\dashv$        | +            | -             |          | 131<br>132   | <del>-</del>      | +        | +       | $\vdash$               | +         |                | Н           |  |
|  |   | 33         |                |          |               |           |           |           | $\dashv$ | +        | 1          |          | 83       | $\dashv$        | $^{+}$       | +            | $\dagger$    |              |                 | 1            | _             |          | 133          | П                 | $\top$   | +       | $\Box$                 | $\dashv$  | _              |             |  |
|  |   | 34         |                |          |               |           | _         |           | $\Box$   | $\Box$   | 7          |          | 84       | $\Box$          | 1            | Τ.           | $\bot$       |              |                 | $\bot$       |               |          | 134          | П                 | $\perp$  | $\bot$  | П                      | $\exists$ |                |             |  |
|  | -   | 35<br>36   | H              |          | Н             | $\dashv$  | $\dashv$  | -         | $\dashv$ | +        | ┨          | -        | 85<br>86 | $\dashv$        | +            | ╁            | ╁            | +            | -+              | +            | ┨             |          | 135<br>136   | $\vdash$          | +        | +       | H                      | $\dashv$  | +              | Н           |  |
|  |   | 37         |                |          |               |           |           |           |          |          | ゴ          |          | 87       |                 |              | 上            |              |              |                 | 士            |               |          | 137          |                   |          |         |                        | $\Box$    |                |             |  |
|  |   | 38<br>39   | -              | Щ        | $\dashv$      |           | 4         |           | 4        | +        | 4          |          | 88<br>89 | $\dashv$        | +            | $\bot$       | ╀            | ╀            | $\dashv$        | +            | _             |          | 138          | Н                 | +        | +       | $\sqcup$               | $\dashv$  |                | Н           |  |
|  |   | 40)        | ╫┤             | $\vdash$ | $\vdash$      | $\vdash$  | $\dashv$  | $\dashv$  | $\dashv$ | +        | $\dashv$   |          | 90       | $\dashv$        | +            | +            | +            | $\vdash$     | $\vdash \vdash$ | +            | ┨ .           |          | 139<br>140   | ┝┤                | +        | +       | ⊢┤                     | +         | +              | Н           |  |
|  |   | 41         |                |          |               |           | 耳         |           | 耳        | 丰        |            |          | 91       | $\Box$          | $\downarrow$ | I            | I            | L            |                 | $\downarrow$ | ]             |          | 141          | 口                 | 工        | 1       | $\square$              | 丰         | $\blacksquare$ | 口           |  |
|  | <u> </u>  | 42         | -              |          | $\vdash \mid$ | $\Box$    | $\dashv$  | $\dashv$  | -        | -        | -          |          | 92<br>93 | $\vdash \vdash$ | +            | +-           | +-           | +            | $\dashv$        | +            | -             | <u> </u> | 142<br>143   | $\vdash \vdash$   | +        | +       | $\vdash \vdash$        | +         | +              | Н           |  |
|  |   | 44         | Ħ              |          | $oxed{\Box}$  | $\exists$ | $\exists$ | $\exists$ | _        | _        | 1          |          | 94       |                 | +            | 士            | $\pm$        | T            | $\exists$       | 士            | ┧ ╎           |          | 144          | ⊣                 | $\pm$    | $\pm$   |                        | _         | $\perp$        | Н           |  |
|  |   | 45         |                |          |               |           | $\Box$    |           | $\Box$   | $\Box$   |            |          | 95       |                 | Ţ            | $\downarrow$ |              |              | $\Box$          | $\downarrow$ | ] [           |          | 145          | П                 | $\top$   | $\perp$ | П                      | 1         | $\top$         | П           |  |
|  | $\vdash$  | 46<br>47   | Н              | $\dashv$ | $\vdash$      | $\dashv$  |           | $\dashv$  | $\dashv$ | +        | $\dashv$   | $\vdash$ | 96<br>97 | $\vdash$        | +            | +            | +            | ╁╌           | $\vdash \vdash$ | +            | $\dashv \mid$ |          | 146<br>147   | $\vdash$          | +        | +-      | ╁┼                     | $\dashv$  | +              | Н           |  |
|  |   | 48         |                |          |               |           |           |           |          | ユ        | ]          |          | 98       | $\Box$          | 士            | 土            | 上            | 口            |                 | ightharpoons | ╡             |          | 148          | 口                 |          |         | 口                      |           |                | 目           |  |
|  | •   |            |                |          |               | . 1       |           |           |          |          |            |          | -        |                 |              |              |              |              |                 |              |               |          | 4 4 5        |                   |          |         |                        |           |                |             |  |